Mountain Weather Forecast

Snowdonia National Park

Forecast valid from 00:00 on Monday 11 Sep 2023 until 23:59 on Tuesday 12 Sep 2023

Forecast Issued on Sunday 10 Sep 2023 at 15:52

Confidence: High for a breakdown of the very warm and humid weather and a transition to cooler, fresher and more unsettled conditions through the period. Moderate for the details surrounding thundery outbreaks on Monday and for the timing and extent of frontal bands Tuesday and Thursday.

Headline for Monday 11 Sep 2023: A dull start with showers breaking out including some thundery downpours. Showers giving way to a more organised band of cloud and rain later.

Mountain weather hazards on Monday 11 Sep 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG						
Fog	Fog	Heavy rain showers	Heavy rain showers	Thundery showers	Light rain	Light rain	Heavy Rain
Precipitation probability							
20%	20%	40%	60%	60%	70%	90%	90%

Forecast for Monday 11 Sep 2023

Weather: A dull start with banks of low cloud affecting mainly western slopes. Some bright spells allowing temperatures to rise and showers to break out, some of which may turn torrential or thundery with hail by the afternoon. Showers easing for a time with some bright spells late afternoon before a further band of showery rain arrives from the west, most likely during the evening.

Chance of cloud-free hill tops above 800m: 20% at first, but 40% in the east. Improving to 70% by the afternoon, falling to 40% after dark.

Low Cloud and visibility: Extensive areas of cloud with bases around 400m will shroud most of the higher routes Monday morning, perhaps forming on lower slopes near the west coast. Cloud breaking and clearing from most hills by the afternoon with some lingering patches obscuring tops above 700m. Best of the cloud breaks in the east of the park. Bases lowering in the vicinity of heavy or prolonged showers to around 500m. During the evening, cloud bases lowering from the northwest to around 500m as rain approaches. Very poor visibility in early mist and fog, improving to good outside of rain, but still slightly hazy. Moderate to poor visibility in any showers or in heavy downpours later.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 11 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	25/31 SW	23/29 SW	20/25 SW	13/18 W	11/15 W	11/15 W	9/12 W	9/11 NW	11/15 N
600	18/23 SW	16/22 SW	14/18 SW	10/14 W	8/12 W	9/12 W	7/10 W	6/9 NW	7/11 NW
300	12/21 SW	11/19 SW	9/16 SW	7/12 W	5/9 W	5/9 W	4/6 NW	3/7 W	4/9 N
Valley	11/20 SW	11/19 SW	9/15 SW	7/11 W	5/9 W	5/9 W	4/7 NW	3/7 W	4/9 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	14/10	14/10	14/10	13/11	13/11	12/10	12/10	11/9	10/8
600	15/12	15/13	15/13	15/13	15/14	14/13	14/13	13/12	12/11
300	17/15	17/15	16/16	16/16	16/16	16/16	15/16	14/15	14/14
Valley	18/17	18/17	17/17	17/17	17/18	17/17	16/16	15/16	15/14
Freezing Level*	3100m	3100m	3100m	3100m	3100m	3100m	3200m	3100m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Conditions have the potential to become very poor in thunderstorms, with lightning and hail. Heavy downpours may lead to swollen watercourses and slippery surfaces.

Forecast for Tuesday 12 Sep 2023

Weather: Overnight rain will be slowly clear to the east during Tuesday morning with drier, and fresher conditions gradually becoming established. Showery rain may linger in the southeast with the best of the brightness in western ranges during the afternoon. Low cloud persisting across many hills with a chance of some drizzly outbreaks.

Maximum wind: North 15-20 mph, gusting 25-30 mph, easing later.

Chance of cloud-free hill tops above 800m: 30%, improving to 70% from the west during the afternoon.

Low Cloud and visibility: Widespread low cloud during the morning, bases around 500m. Improving as rain clears to above 800m, although there remains low confidence in timings. Visibility will be poor in overnight rain and any drizzle, improving to good or very good.

Temperature: **Valleys:** Plus 12 Celsius, rising to Plus 18 Celsius.
At 800m: Plus 9 Celsius, falling soon after dark to around Plus 5 Celsius.
Freezing level: Above tops.

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Ground Conditions Supplement
Please see - https://snowdonia.gov.wales/visit/snowdon/yr-wyddfa-ground-conditions-reports/
Issued at: 1552 on Sun 10 Sep 2023

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